

ARDC



Department of Energy

Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401-1563

September 2, 1999

Mr. Wayne Pierre, Team Leader
Environmental Cleanup Office
U.S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, Washington 98101

Mr. Dean Nygard, Bureau Chief
Remediation Bureau
Idaho Department of Health & Welfare
Division of Environmental Quality
1410 N. Hilton
Boise, Idaho 83706

SUBJECT: Transmittal of Limitation and Validation (L&V) Reports for Operable Unit (OU) 4-
13 Central Facilities Area (CFA) Sewage Treatment Plant, Site CFA-08 – KLF-
134-99 – (OPE-ER-122-99)

Dear Mr. Pierre and Mr. Nygard:

Enclosed are copies of the L&V reports for samples collected at the CFA-08 Sewage Treatment Plant. These samples were collected from 15 locations below the former pumphouse and clarifier after demolition of these structures. Analysis was conducted for volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), and metals. These include sample delivery groups STP20001, STP20005, and STP20009.

There are no detections of SVOCs. Analysis was conducted for eight metals. Metals detected slightly above background values include; selenium at eight locations (maximum 1.6 mg/kg); mercury at one location (maximum 0.08 mg/kg); lead at one location (maximum 30.4 mg/kg); and arsenic at eight locations (maximum 9.2 mg/kg). Arsenic is the only metal that is above the risk-based value for soil (0.43 mg/kg). Process knowledge indicates there are no significant sources of arsenic at CFA-08, therefore it is attributed to natural sources.

If you have any questions or need for further information please contact Carol Hathaway at 208-526-4049 or myself at 208-526-4392.

Sincerely,

A handwritten signature in cursive script, reading "Kathleen E. Hain", is positioned above the typed name.

Kathleen E. Hain, Manager
Environmental Restoration Program

Enclosure

cc: K. Rose, EPA, 1200 Sixth Avenue, Seattle, WA 98101
C. Cody, IDHW DEQ,
T. Kluk, DOE-HQ, EM-441
Ethan Merrill, DOE-HQ, EM-441

THIS ATTACHMENT WAS NOT
AVAILABLE TO ARDC.

INITIAL gs

DATE 09/14/99